

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113020\
 Data File : BF122513.D
 Acq On : 30 Nov 2020 18:30
 Operator : JU/CG
 Sample : L4903-03 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-2-COMP

Quant Time: Dec 01 00:11:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 24 14:38:56 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

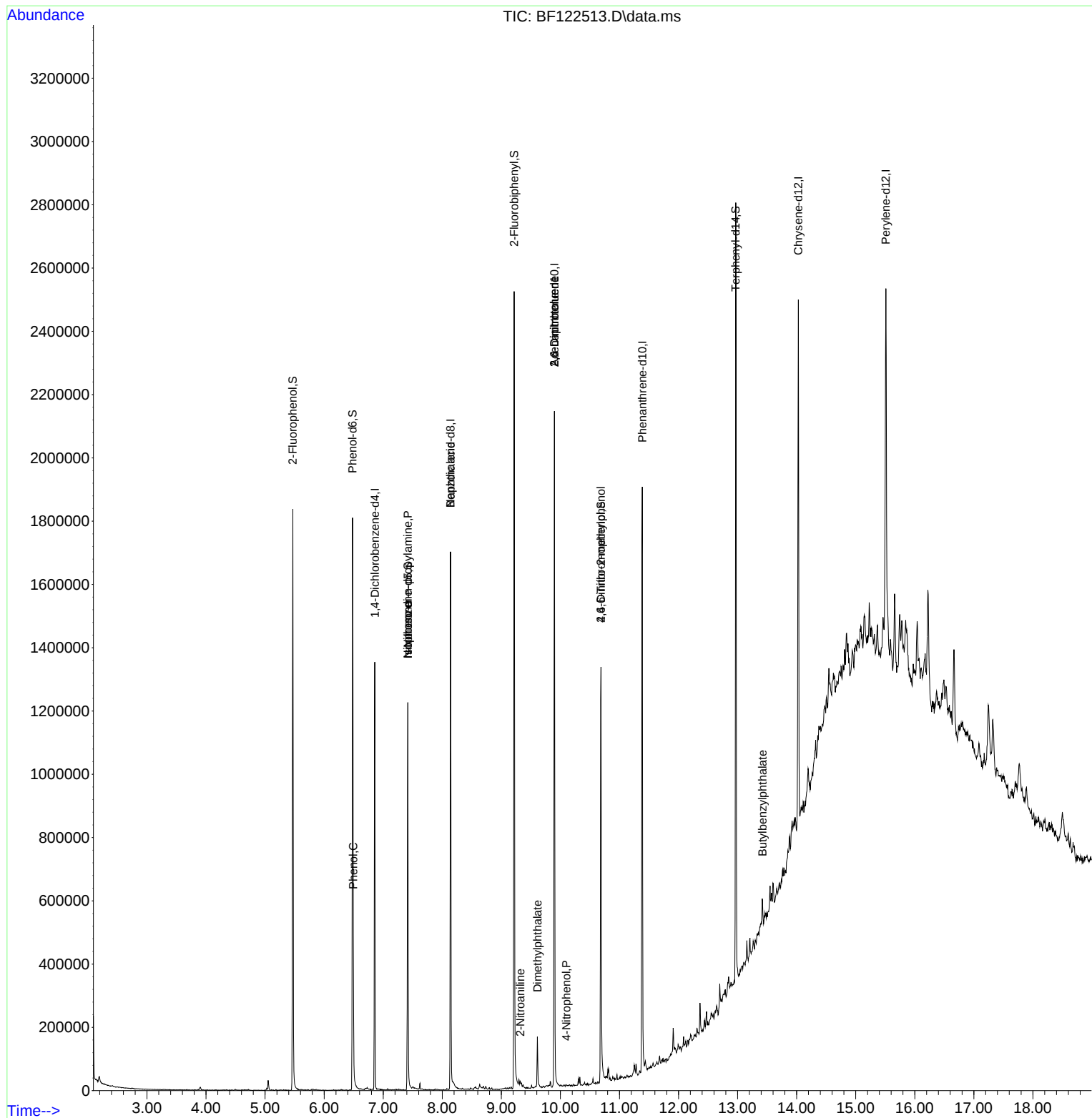
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	189253	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	751842	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	408407	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	722505	20.00	ng	0.00
76) Chrysene-d12	14.027	240	573733	20.00	ng	0.00
86) Perylene-d12	15.510	264	587961	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	497678	40.38	ng	-0.01
7) Phenol-d6	6.481	99	625810	38.81	ng	-0.02
23) Nitrobenzene-d5	7.416	82	377438	30.73	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	194014	44.26	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	780196	29.85	ng	0.00
79) Terphenyl-d14	12.969	244	783365	28.93	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.493	77	1557	Below Cal	#	3
10) Phenol	6.493	94	64421	4.06	ng	82
19) n-Nitroso-di-n-propyla...	7.416	70	51065	5.30	ng	# 71
25) Isophorone	7.416	82	377434	13.79	ng	# 67
32) Benzoic acid	8.139	122	111	7.97	ng	# 1
48) 2-Nitroaniline	9.322	65	230	5.20	ng	# 6
50) Dimethylphthalate	9.610	163	65610	2.26	ng	100
51) 2,6-Dinitrotoluene	9.898	165	51477	11.15	ng	# 21
56) 4-Nitrophenol	10.098	139	109	5.42	ng	# 1
57) 2,4-Dinitrotoluene	9.898	165	52152	10.50	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.686	198	131	6.19	ng	# 1
80) Butylbenzylphthalate	13.422	149	2798	3.45	ng	# 48

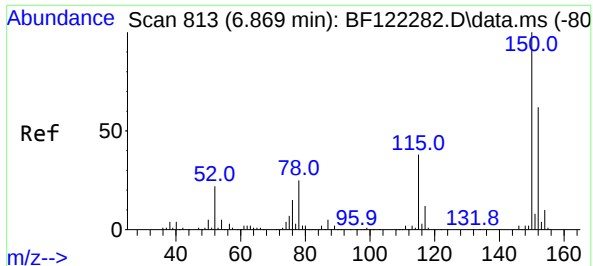
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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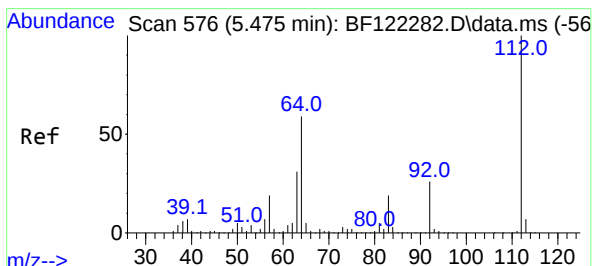
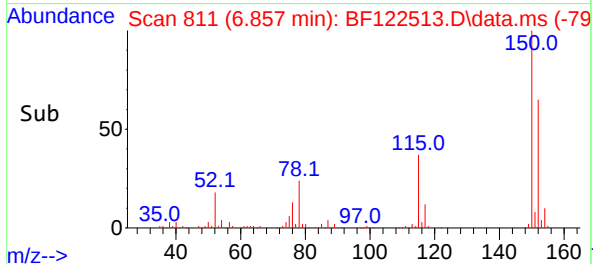
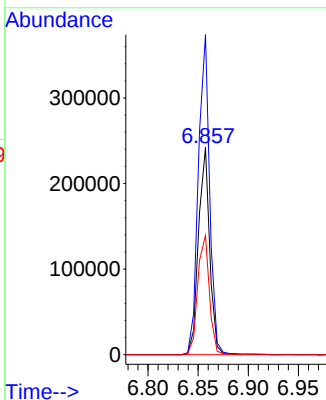
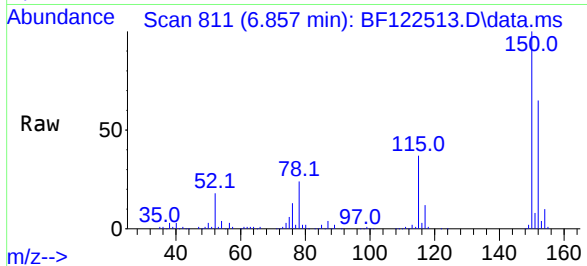




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF122513.D
Acq: 30 Nov 2020 18:30

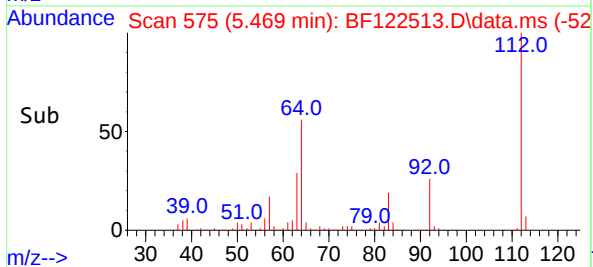
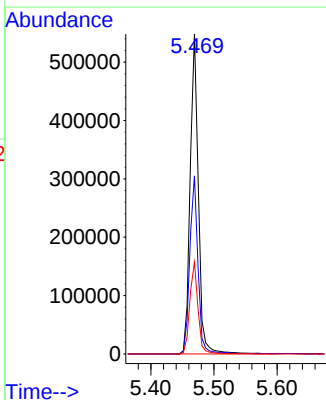
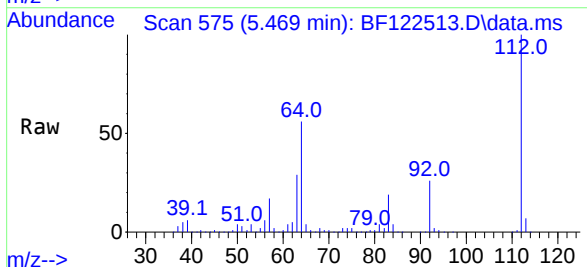
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BNA_F
ClientSampleId :
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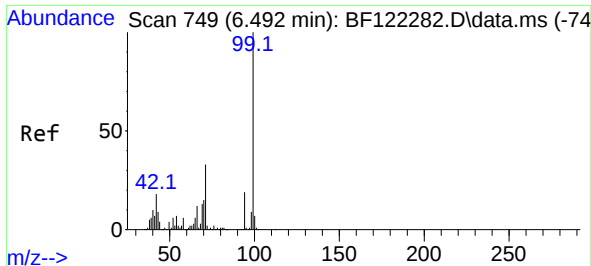
Tgt Ion:152 Resp: 189253
Ion Ratio Lower Upper
152 100
150 154.5 125.3 187.9
115 57.6 51.9 77.9



#5
2-Fluorophenol
Concen: 40.38 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.012 min
Lab File: BF122513.D
Acq: 30 Nov 2020 18:30

Tgt Ion:112 Resp: 497678
Ion Ratio Lower Upper
112 100
64 55.6 50.4 75.6
63 28.7 25.8 38.6

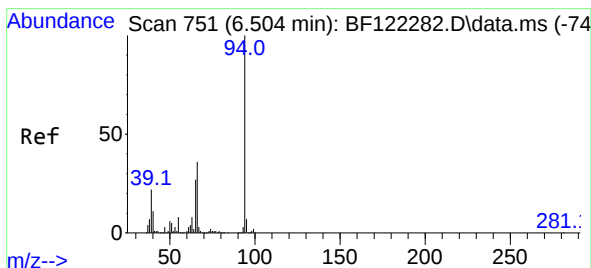
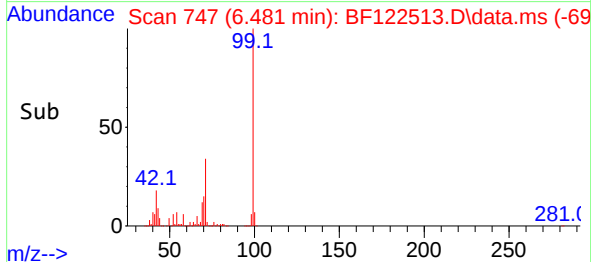
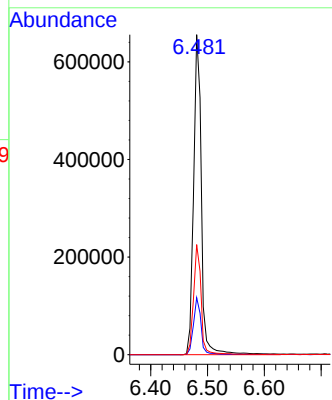
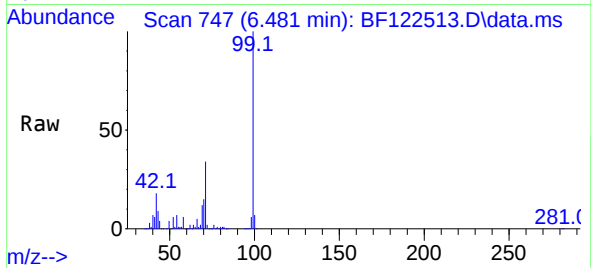




#7
Phenol-d6
Concen: 38.81 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.018 min
Lab File: BF122513.D
Acq: 30 Nov 2020 18:30

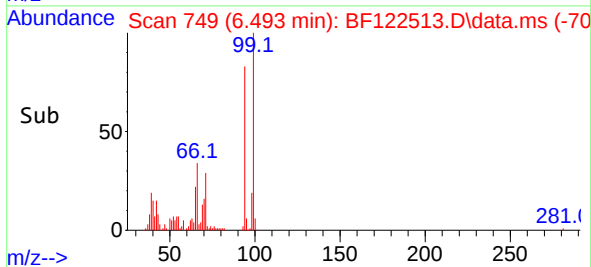
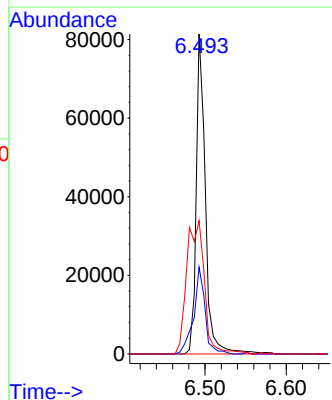
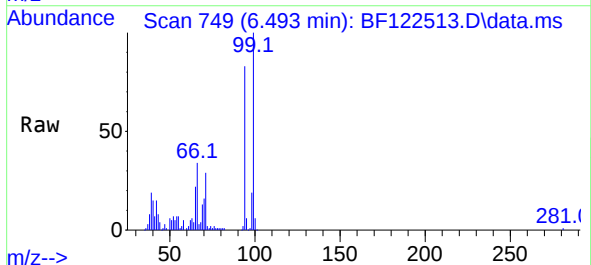
Instrument :
BNA_F
ClientSampleId :
TP-1-2-COMP

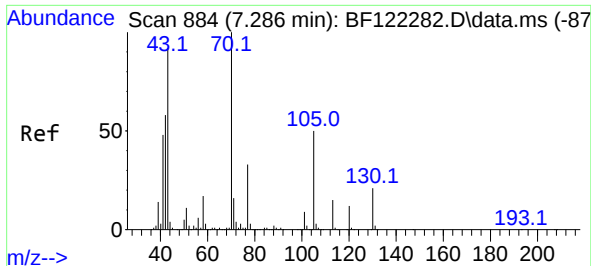
Tgt Ion: 99 Resp: 625810
Ion Ratio Lower Upper
99 100
42 17.8 15.9 23.9
71 34.4 27.1 40.7



#10
Phenol
Concen: 4.06 ng
RT: 6.493 min Scan# 749
Delta R.T. -0.018 min
Lab File: BF122513.D
Acq: 30 Nov 2020 18:30

Tgt Ion: 94 Resp: 64421
Ion Ratio Lower Upper
94 100
65 27.1 17.1 57.1
66 41.7 36.0 76.0

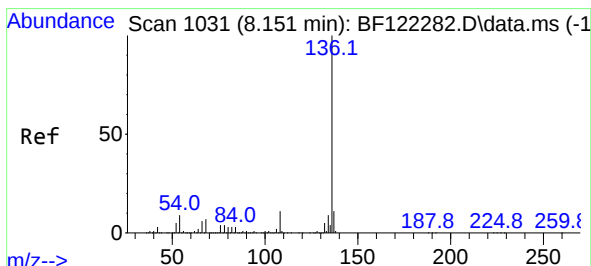
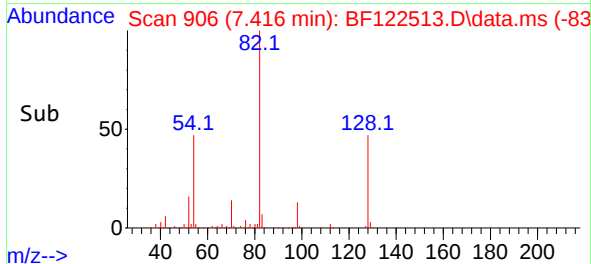
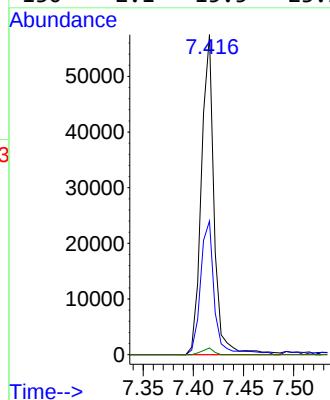
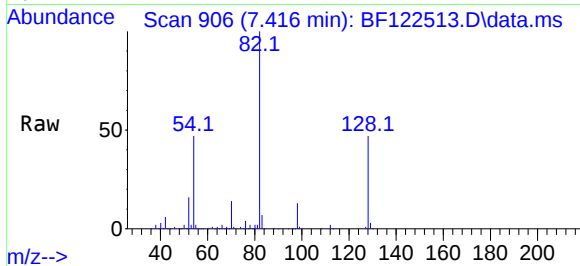




#19
n-Nitroso-di-n-propylamine
Concen: 5.30 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.135 min
Lab File: BF122513.D
Acq: 30 Nov 2020 18:30

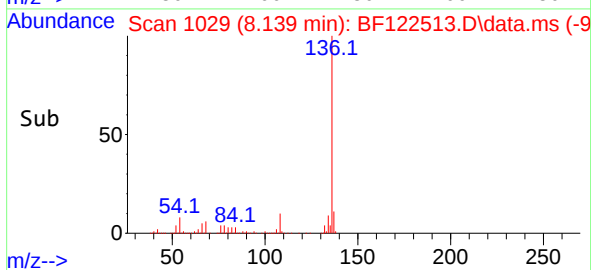
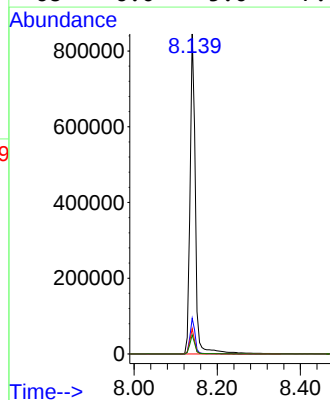
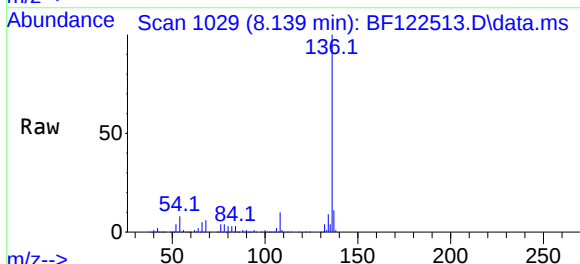
Instrument :
BNA_F
ClientSampleId :
TP-1-2-COMP

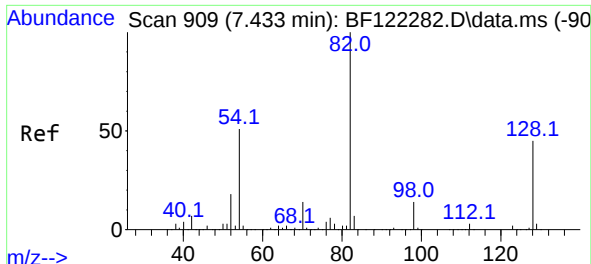
Tgt Ion:	70	Resp:	51065
Ion	Ratio	Lower	Upper
70	100		
42	41.8	50.2	75.4#
101	0.0	7.5	11.3#
130	2.1	15.5	23.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF122513.D
Acq: 30 Nov 2020 18:30

Tgt Ion:	136	Resp:	751842
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	7.9	7.1	10.7
68	6.0	5.0	7.4

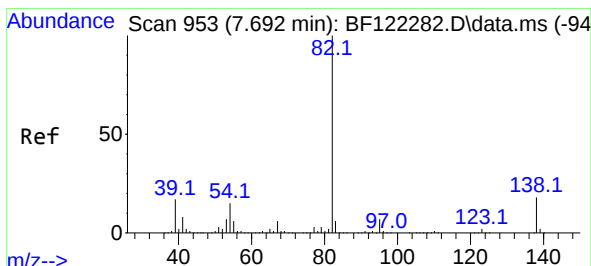
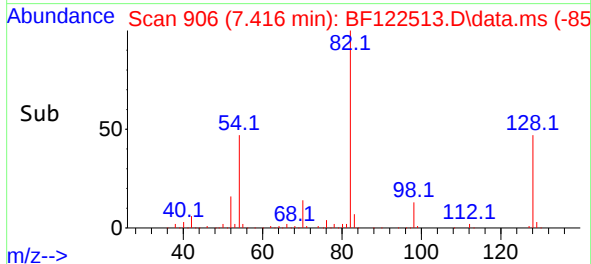
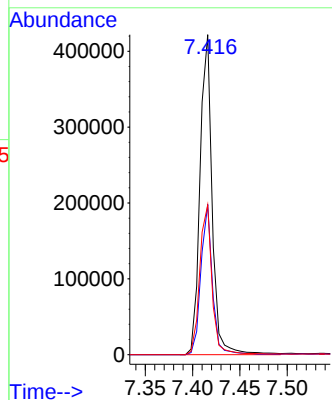
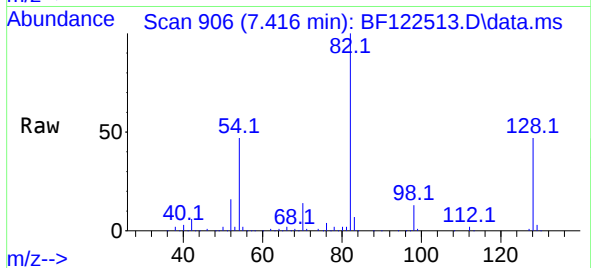




#23
Nitrobenzene-d5
Concen: 30.73 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF122513.D
Acq: 30 Nov 2020 18:30

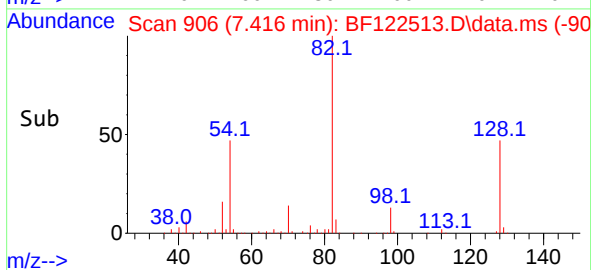
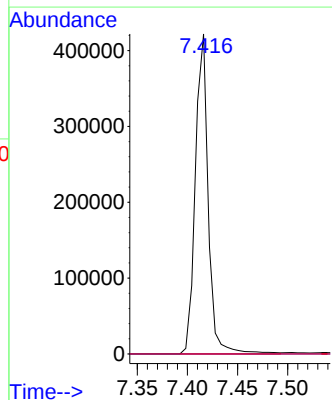
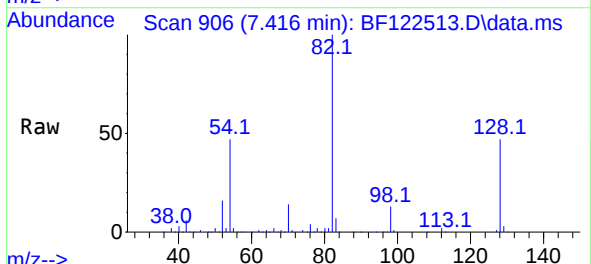
Instrument :
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ClientSampleId :
TP-1-2-COMP

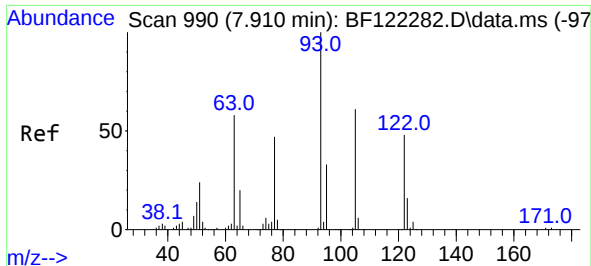
Tgt Ion: 82 Resp: 377438
Ion Ratio Lower Upper
82 100
128 46.9 35.0 52.4
54 46.8 43.9 65.9



#25
Isophorone
Concen: 13.79 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.271 min
Lab File: BF122513.D
Acq: 30 Nov 2020 18:30

Tgt Ion: 82 Resp: 377434
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#

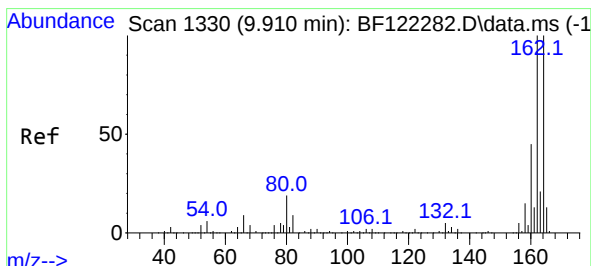
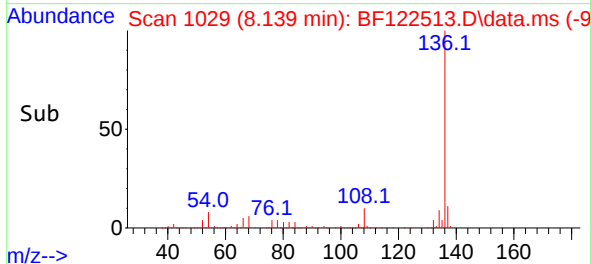
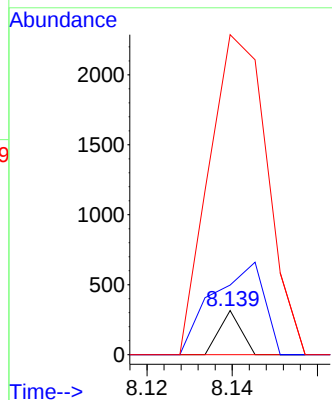
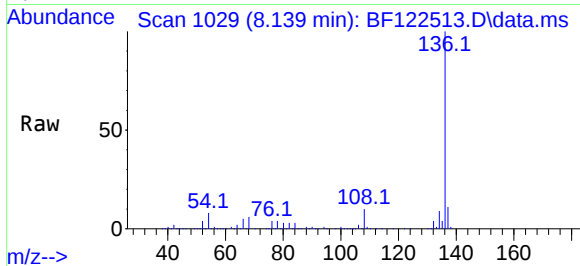




#32
Benzoic acid
Concen: 7.97 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.206 min
Lab File: BF122513.D
Acq: 30 Nov 2020 18:30

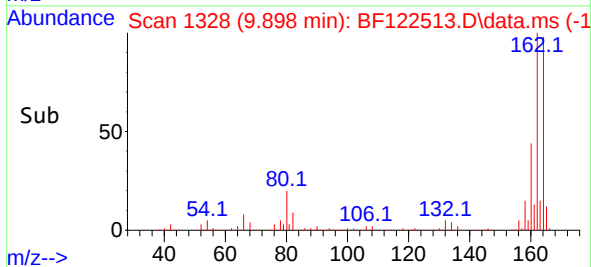
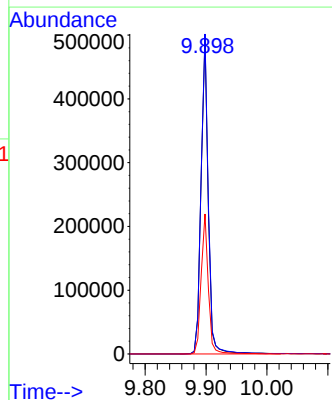
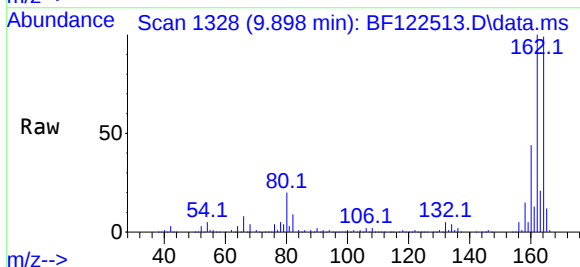
Instrument :
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ClientSampleId :
TP-1-2-COMP

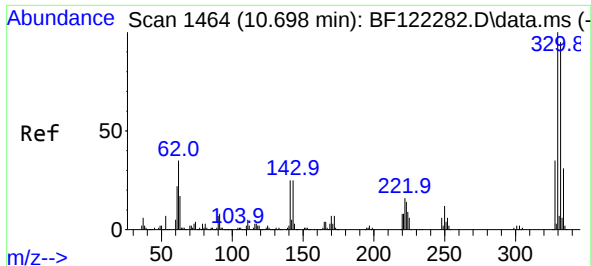
Tgt Ion:122 Resp: 111
Ion Ratio Lower Upper
122 100
105 157.8 103.3 143.3#
77 726.0 73.9 113.9#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF122513.D
Acq: 30 Nov 2020 18:30

Tgt Ion:164 Resp: 408407
Ion Ratio Lower Upper
164 100
162 101.1 83.2 124.8
160 44.3 37.5 56.3

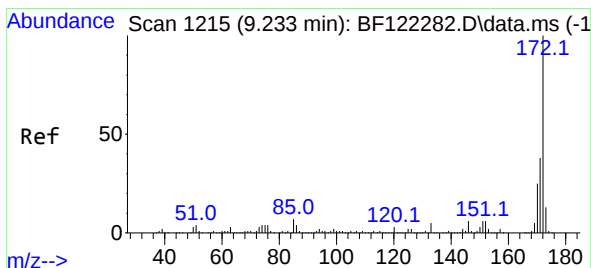
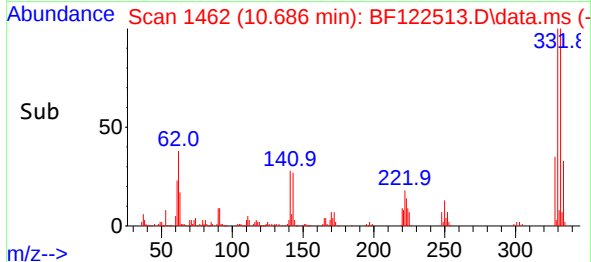
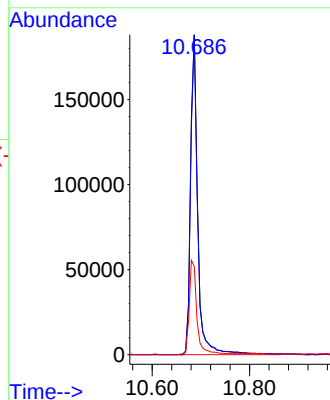
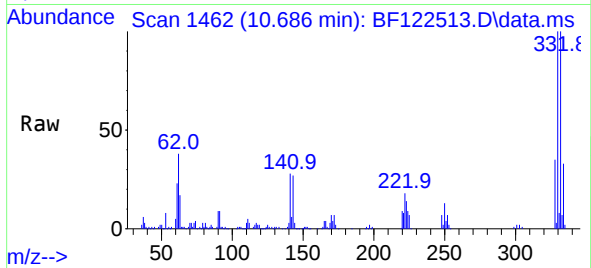




#42
2,4,6-Tribromophenol
Concen: 44.26 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF122513.D
Acq: 30 Nov 2020 18:30

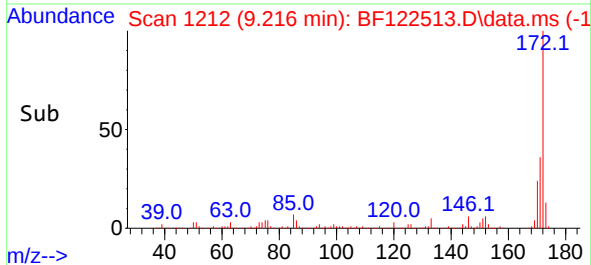
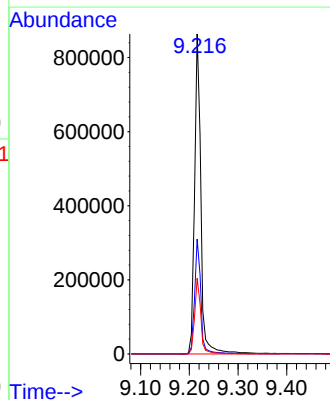
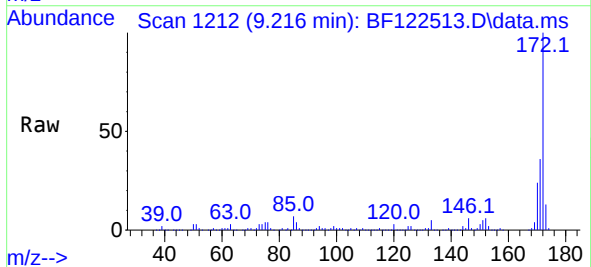
Instrument :
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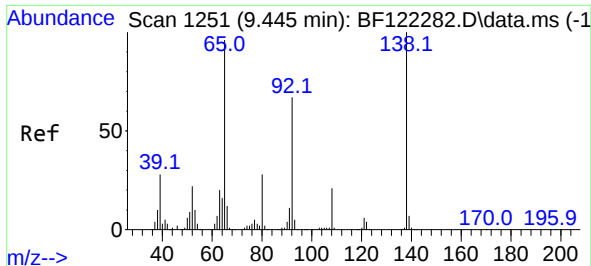
Tgt Ion:330 Resp: 194014
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 31.2 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 29.85 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF122513.D
Acq: 30 Nov 2020 18:30

Tgt Ion:172 Resp: 780196
Ion Ratio Lower Upper
172 100
171 35.9 29.1 43.7
170 23.7 19.8 29.6

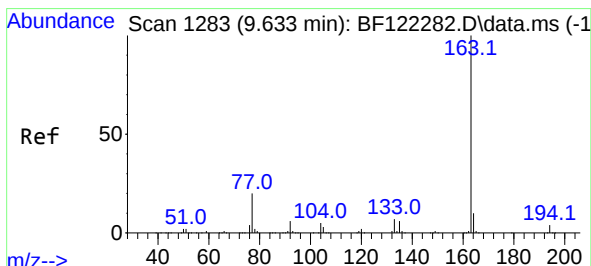
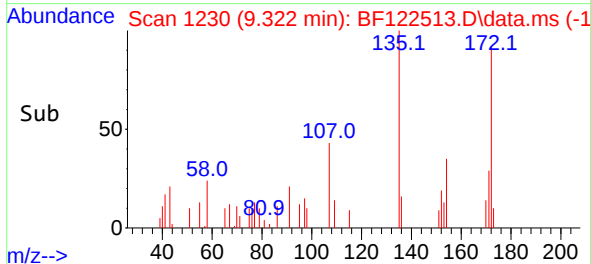
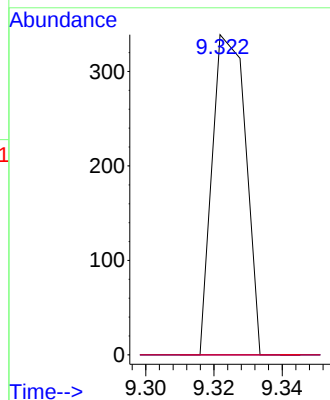
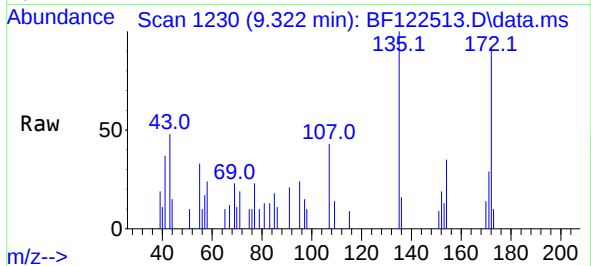




#48
2-Nitroaniline
Concen: 5.20 ng
RT: 9.322 min Scan# 1230
Delta R.T. -0.123 min
Lab File: BF122513.D
Acq: 30 Nov 2020 18:30

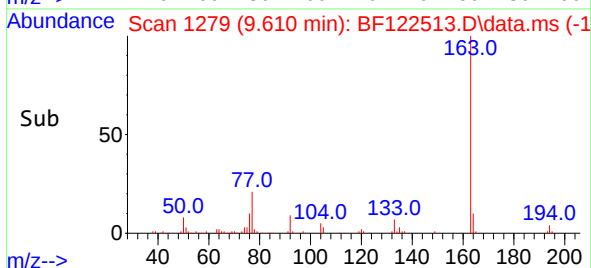
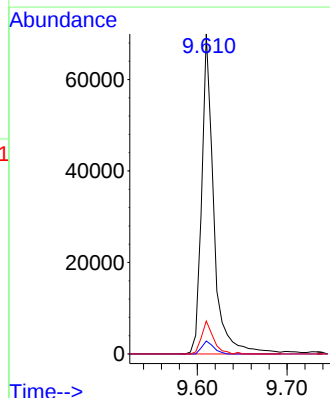
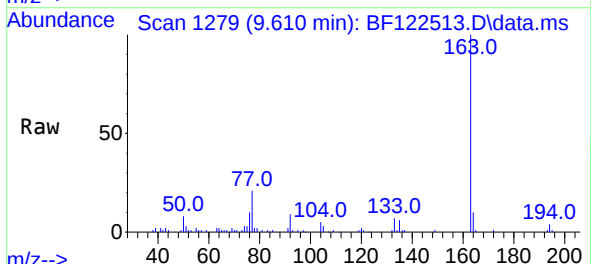
Instrument :
BNA_F
ClientSampleId :
TP-1-2-COMP

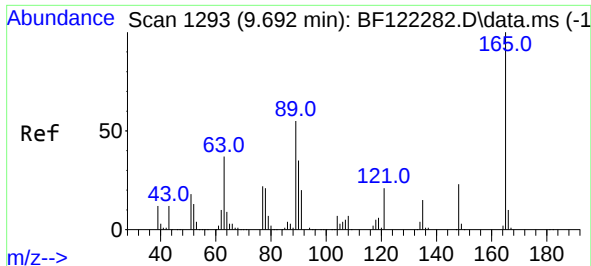
Tgt Ion: 65 Resp: 230
Ion Ratio Lower Upper
65 100
92 0.0 55.1 82.7#
138 0.0 80.5 120.7#



#50
Dimethylphthalate
Concen: 2.26 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.018 min
Lab File: BF122513.D
Acq: 30 Nov 2020 18:30

Tgt Ion: 163 Resp: 65610
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.3 8.2 12.4

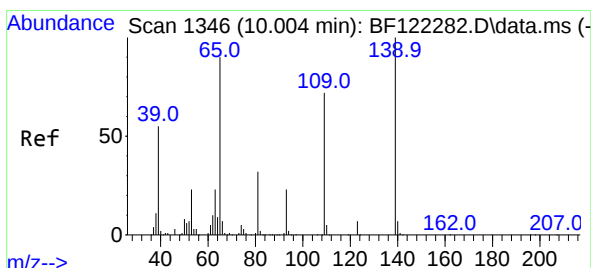
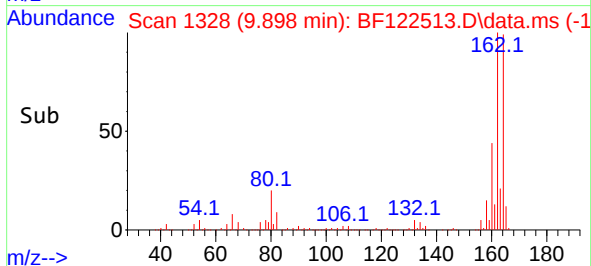
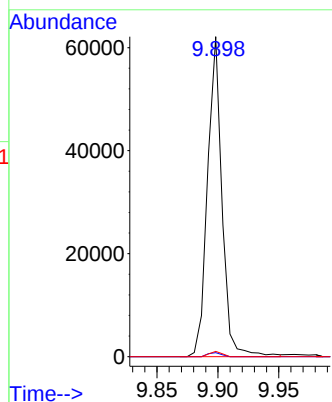
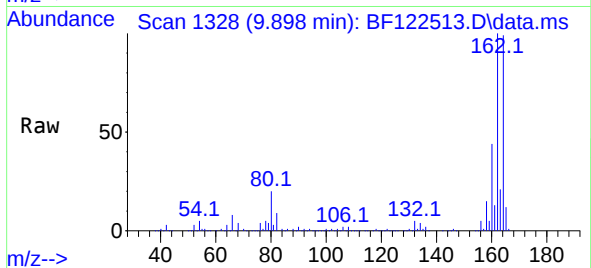




#51
2,6-Dinitrotoluene
Concen: 11.15 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF122513.D
Acq: 30 Nov 2020 18:30

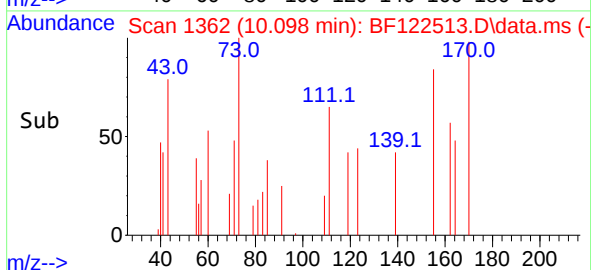
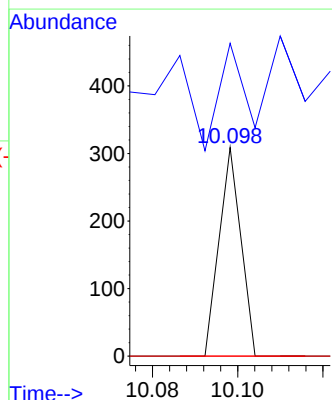
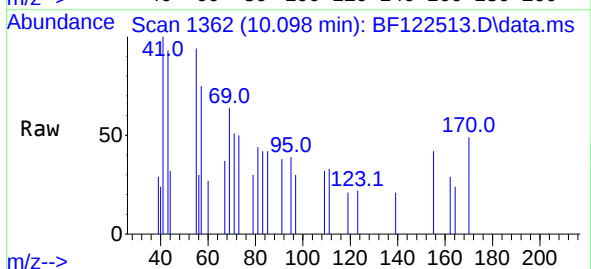
Instrument :
BNA_F
ClientSampleId :
TP-1-2-COMP

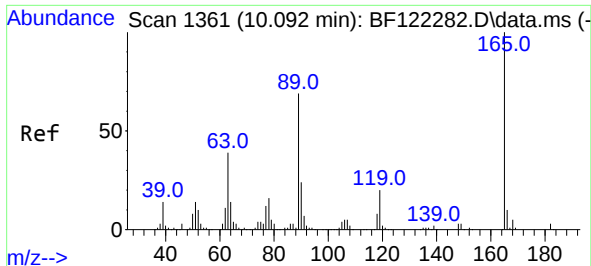
Tgt Ion:165 Resp: 51477
Ion Ratio Lower Upper
165 100
63 1.3 51.8 77.6#
89 1.6 49.0 73.6#



#56
4-Nitrophenol
Concen: 5.42 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.082 min
Lab File: BF122513.D
Acq: 30 Nov 2020 18:30

Tgt Ion:139 Resp: 109
Ion Ratio Lower Upper
139 100
109 149.8 45.4 85.4#
65 0.0 68.4 108.4#

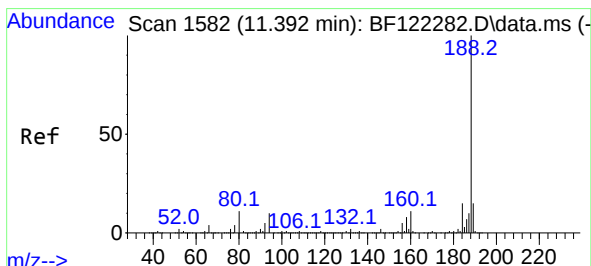
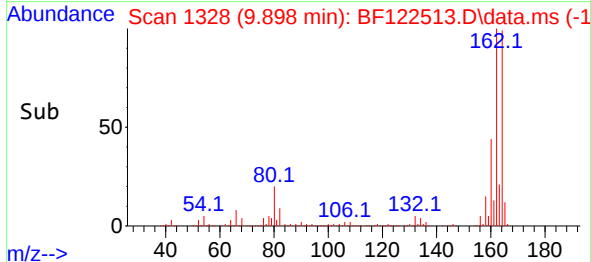
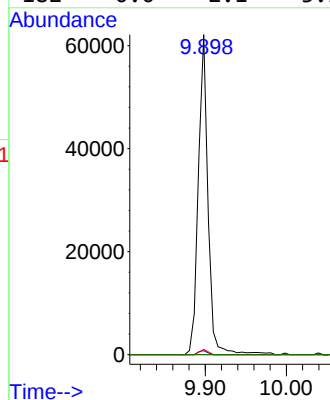
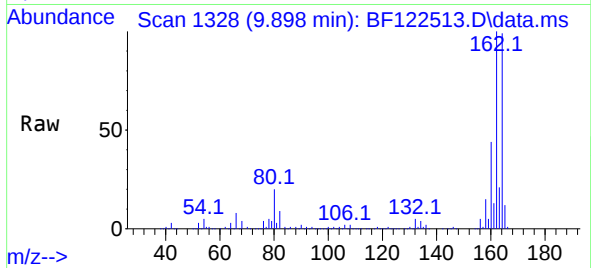




#57
2,4-Dinitrotoluene
Concen: 10.50 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.188 min
Lab File: BF122513.D
Acq: 30 Nov 2020 18:30

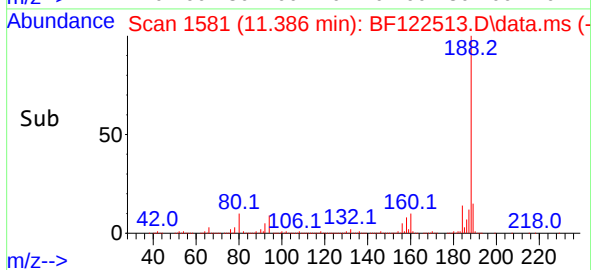
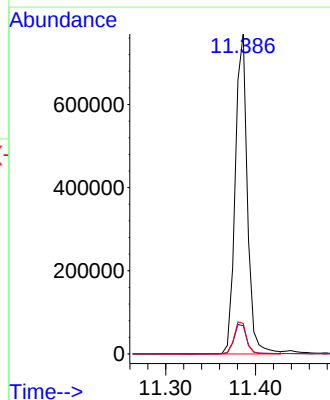
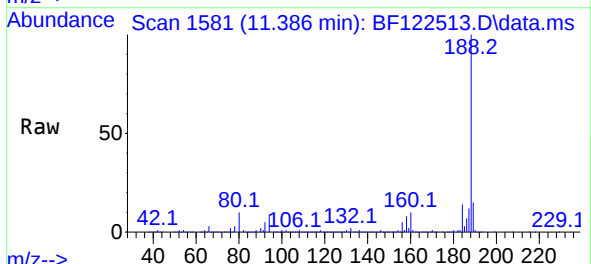
Instrument :
BNA_F
ClientSampleId :
TP-1-2-COMP

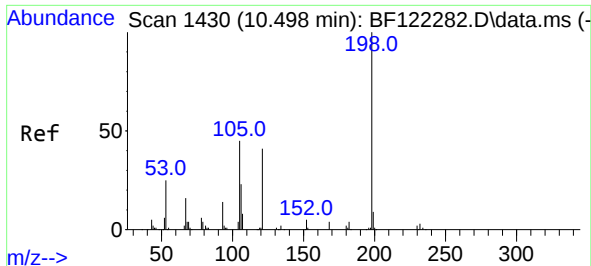
Tgt Ion:165	Resp:	52152
Ion Ratio	Lower	Upper
165	100	
63	1.3	41.3 61.9#
89	1.6	61.8 92.8#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF122513.D
Acq: 30 Nov 2020 18:30

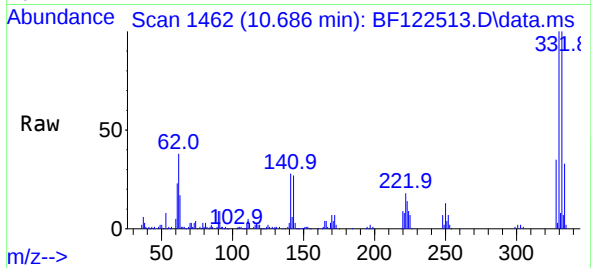
Tgt Ion:188	Resp:	722505
Ion Ratio	Lower	Upper
188	100	
94	8.8	8.3 12.5
80	9.6	9.1 13.7



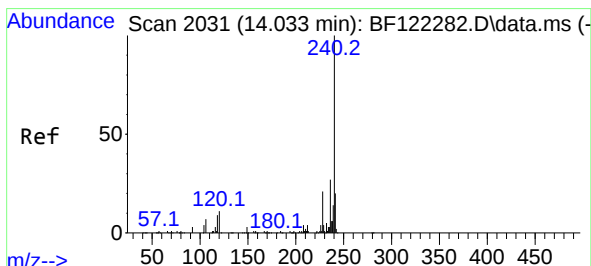
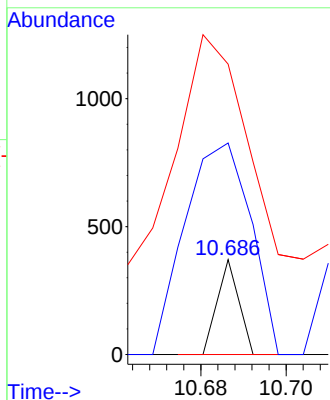
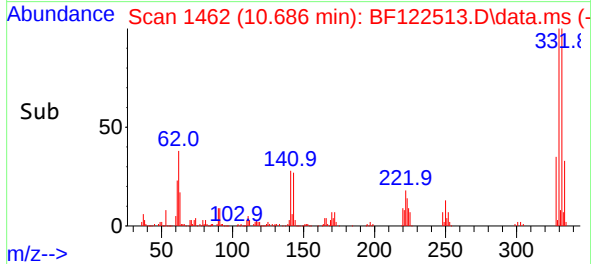


#65
4,6-Dinitro-2-methylphenol
Concen: 6.19 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.188 min
Lab File: BF122513.D
Acq: 30 Nov 2020 18:30

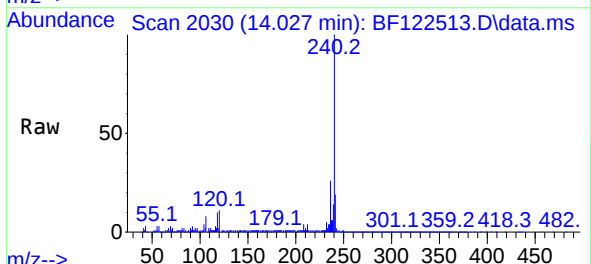
Instrument :
BNA_F
ClientSampleId :
TP-1-2-COMP



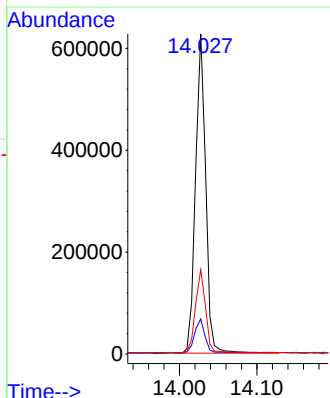
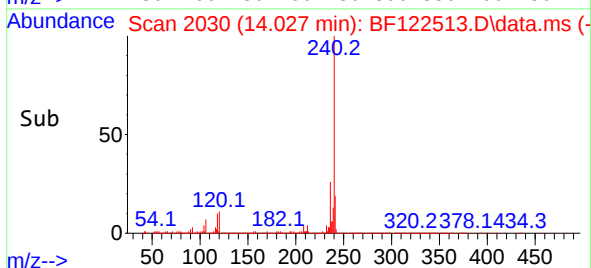
Tgt Ion:198 Resp: 131
Ion Ratio Lower Upper
198 100
51 222.9 29.6 69.6#
105 305.9 24.4 64.4#

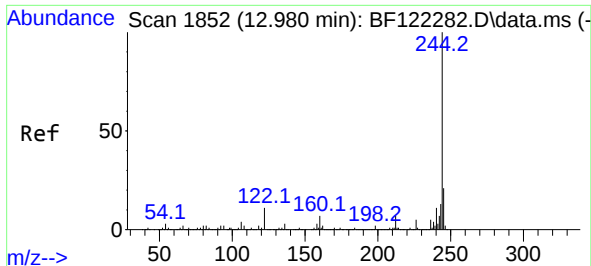


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF122513.D
Acq: 30 Nov 2020 18:30



Tgt Ion:240 Resp: 573733
Ion Ratio Lower Upper
240 100
120 10.9 9.2 13.8
236 26.3 20.9 31.3

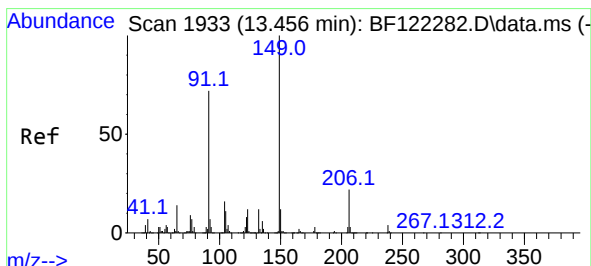
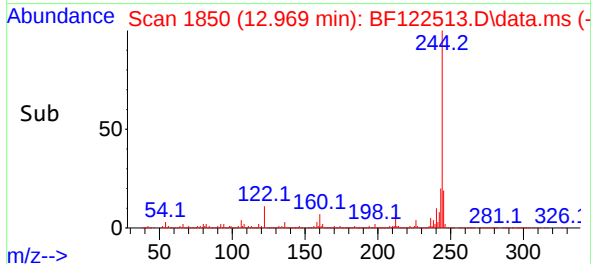
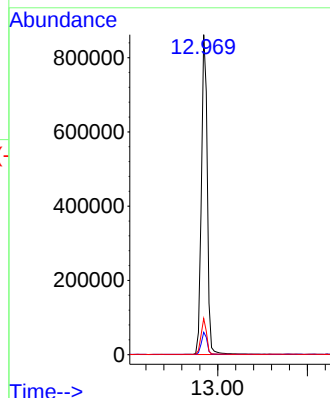
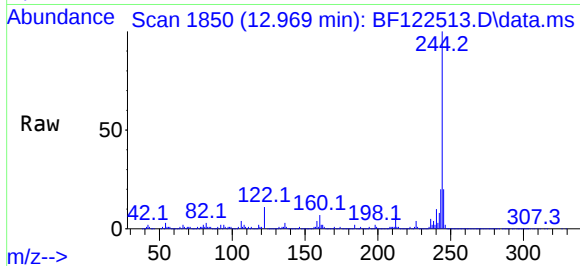




#79
Terphenyl-d14
Concen: 28.93 ng
RT: 12.969 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF122513.D
Acq: 30 Nov 2020 18:30

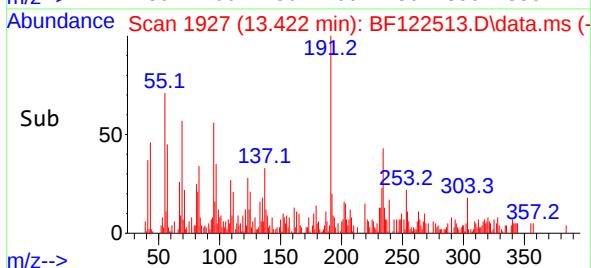
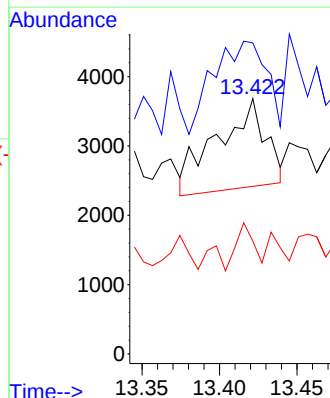
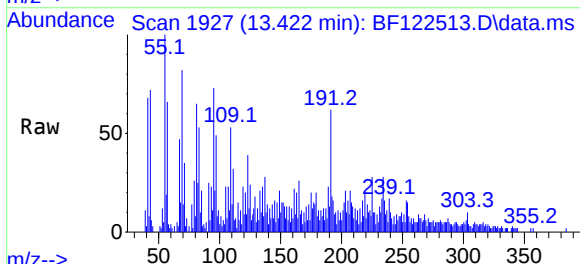
Instrument :
BNA_F
ClientSampleId :
TP-1-2-COMP

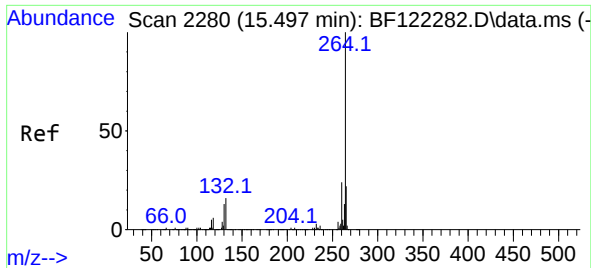
Tgt Ion:244 Resp: 783365
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 11.3 8.1 12.1



#80
Butylbenzylphthalate
Concen: 3.45 ng
RT: 13.422 min Scan# 1927
Delta R.T. -0.029 min
Lab File: BF122513.D
Acq: 30 Nov 2020 18:30

Tgt Ion:149 Resp: 2798
Ion Ratio Lower Upper
149 100
91 121.8 61.0 91.4#
206 44.2 16.7 25.1#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.510 min Scan# 2282
 Delta R.T. 0.006 min
 Lab File: BF122513.D
 Acq: 30 Nov 2020 18:30

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-2-COMP

Tgt Ion:264 Resp: 587961
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.7 28.1
 265 22.9 17.3 25.9

